

8-Hydroxyoctanoic acid
764-89-6 | DTXSID40227234

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.84	0.55	0.85	0.53	0.83	0.64

Model Results

Predicted value: 3.27

Global applicability domain: Inside

Local applicability domain index: 3.31e-01

Confidence level: 7.80e-01

Nearest Neighbors from the Training Set

Image not found

Benzoic acid, 4-(methylamino)-

Measured: 2.40

Predicted: 4.00

Image not found

3-Nitrobenzoic acid

Measured: 7.08

Predicted: 3.63

Image not found

2,2-Dimethylpropanoic acid

Measured: 2.29

Predicted: 2.74

Image not found

Phenylphosphinic acid

Measured: 6.03

Predicted: 4.42

Image not found

Benzilic acid

Measured: 1.82

Predicted: 3.42